AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. **(Currently Amended)** An opto-electronic housing, comprising:

a submount having a plurality of conductive traces;

a can attached to said submount forming a cavity having an opening for light to pass through; and

a transparent window in or covering said opening and attached to said can;

wherein said plurality of conductive traces extends from inside the cavity to beyond the can; and

wherein said cavity is hermetically sealed and comprises said window on a first surface, said submount on an opposing second surface, and said can on the surfaces interconnecting said window and said submount.

2. **(Original)** The opto-electronic housing according to claim 1, wherein said submount includes ceramic.

3. **(Original)** The opto-electronic housing according to claim 1, wherein said can is metallic.

4. **(Original)** The opto-electronic housing according to claim 1, further including a micro lens array on the transparent window, wherein said micro lens array includes individual lens elements.

5. **(Original)** The opto-electronic housing according to claim 1, further including an opto-electronic array in said cavity, wherein said opto-electronic array is electrically connected to said conductive traces.

6. **(Original)** The opto-electronic housing according to claim 5, wherein said opto-electronic array includes a vertical cavity surface emitting laser (VCSEL).

7. **(Original)** The opto-electronic housing according to claim 5, wherein said opto-electronic array includes a photo detector.

8. **(Original)** The opto-electronic housing according to claim 5, wherein said opto-electronic array includes integrated lenses.

9. **(Original)** The opto-electronic housing according to claim 1, wherein a plurality of heat conductive plugs pass through said submount.

10. **(Currently Amended)** An opto-electronic housing, comprising:

a submount;

a plurality of thru-via conductive contacts passing through said submount;

a can attached to said submount and forming a cavity, wherein said can includes an opening for light to pass through, and wherein said cavity extends over said conductive contacts; and

a transparent window in or covering [[over]] said opening and attached to said can;

wherein said cavity is hermetically sealed and comprises said window on a first surface, said submount on an opposing surface, and said can on the surfaces interconnecting said window and said submount.

11. **(Original)** The opto-electronic housing according to claim 10, wherein said submount includes ceramic.

12. **(Original)** The opto-electronic housing according to claim 10, wherein said can is metallic.

13. **(Original)** The opto-electronic housing according to claim 10, further including a micro lens array on the transparent window, wherein said micro lens array includes individual lens elements.

14. **(Original)** The opto-electronic housing according to claim 10, further including an opto-electronic array in said cavity that is electrically connected to said conductive contacts.

15. **(Original)** The opto-electronic housing according to claim 14, wherein said opto-electronic array includes a vertical cavity surface emitting laser (VCSEL).

16. **(Original)** The opto-electronic housing according to claim 14, wherein said opto-electronic array includes a photo detector.

17. **(Original)** The opto-electronic housing according to claim 14, wherein the opto-electronic array includes integrated lenses.

18. **(Currently Amended)** An opto-electronic housing, comprising:

a submount holding an opto-electronic array;

a support comprising a central body, ~~having~~ parallel legs, and guide pins, wherein said support is attached to said submount and forms [[forming]] a cavity with an opening for light to pass through; and

a transparent window in or covering [[over]] said opening and attached to said support, wherein a hermetic seal is formed, and wherein a cavity is formed, said cavity comprising said window on a first surface, said submount on an opposing surface, and said support on the surfaces interconnecting said window and said submount; [[and]]

~~a flexible optical cable having a plurality of optical fibers and openings that align with the guide pins;~~

wherein a flexible ribbon-type optical cable having a plurality of optical fibers and openings that align with the guide pins can be mounted ~~the flexible optical cable mounts~~ between said parallel legs, said guide pins fitting into said openings when the flexible ribbon-type optical cable is attached to said support.

19. **(Original)** The opto-electronic housing according to claim 18, wherein said opto-electronic array includes discrete optical elements, and wherein the optical elements optically align with said plurality of optical fibers when said flexible optical cable is attached to said support.

20. **(Original)** The opto-electronic housing according to claim 18, wherein the support is a metal support.

21. **(New)** The opto-electronic housing according to claim 1, wherein said second surface further comprises a plurality of opto-electronic devices.

22. **(New)** The opto-electronic housing according to claim 1, wherein said submount is substantially planar.

23. **(New)** The opto-electronic housing according to claim 10, wherein said submount is substantially planar.

24. **(New)** The opto-electronic housing according to claim 18, wherein said submount is substantially planar.